

On March 19, 1987, I discovered that gravity doesn't suck. I called it my "**Unproof of Gravity**" and I verified that something is very wrong with the Newtonian concept of gravity by creating a simple arithmetic proof. I was then in a quandary because I had no idea of what to do with the information. Being unwashed, uncouth, abrasive and unlettered, I already knew that "scientific journals" would never print anything that I wrote. The high priests of science surely wouldn't tolerate an outsider trespassing in their domain. It is now over a decade later and after years of trying, I know that my wild and crazy hunch was right.

I was in high school when the great Velikovsky flap occurred. This man wrote a book called "*Worlds in Collision*" which used ancient myth and writings, including the Bible to prove that a global catastrophe had struck the Earth sometime between the last Ice Age and before writing became widespread. I watched the whole world of science castrate his work and then go on to cauterize the wound with hot pokers. Mini-minded mental mid-gets pompously asserted that he should have submitted his work to the scientific journals. These high-minded refuters either didn't understand, or refused to realize, that only inchy-pinchy increases of a single decimal place type of work will fit on a paper small enough for a journal. A man who paints a bold new scientific panorama doesn't reduce it in size to fit a few journal pages. The scope of this man's work required a book-sized document. As does mine!

Hugh Auchincloss Brown (**HAB**) was similarly attacked in the '60s by the same type of ideological idiots because (again) his book dealt with other pre-historic catastrophes. It was titled "*Cataclysms of the Earth*". Here again the scope of his work precluded a journal sized format.

When I finally prepared a paper on my "**Unproof of Gravity**" I sent a letter of inquiry to various physics journals and science magazines. Only one of them even bothered to answer my letter. You don't think that my title, "Gravity Doesn't Suck!", had something to do with this, do you?

In the scientific world reading outside one's field is usually classed as poor use of valuable time. Still, the discovery that gravity doesn't suck was the direct result of wasting my time reading about and examining anomalies that professional philosophers would never waste such time on. I was attempting to arrange the various gravitational anomalies in some logical order. But then I was trapped, once again, by the strange orbit of the Moon.

As we saw in the chart in the last section, the Moon's distance from Earth varies greatly during each lunar month and as I rechecked some of the data on these distances, I had a moment of inspiration. I would do an actual calculation using the "Law" of Gravity to find the gravitational forces of both Sun and Earth at one particular moment in time.

To simplify the calculations and the visualization, I would choose a time when the Saros

(during a normal summer), and during apogee (when the Moon is far from Earth as it gets), and during a solar eclipse (that period in time when the Moon is exactly lined up between Sun & Earth).

I chose apogee because no matter what the calculations using the "Law" of Gravity formula showed, we know by observation, that the Moon is at its limit of range and must move closer to the Earth. The choice of the Earth/Sun distance was arbitrary so I chose aphelion. The data was taken from the 54th edition of the CRC Chemistry & Physics Handbook.

	Sun	Earth	Moon
Distance from Earth (km)	1.520 E08	_____	4.0550 E05
Mass (kg)	1.991 E30	5.979 E24	_____

By subtracting the Earth/Moon distance from the Earth/Sun distance I determined the Sun/Moon distance.

$$\text{Earth/Sun distance} - \text{Earth/Moon distance} = \text{Moon/Sun distance}$$

$$1.520 \text{ E08} - 4.055 \text{ E05} = 1.498 \text{ E08}$$

Physics allows us to isolate the forces on a body. Since we are interested only in the relative forces on the same body (the Moon) we can simplify the gravitational formula by eliminating the gravitational constant and the mass of the Moon each time we calculate. Using Newton's full formula $F = G \times M_1 \times M_2 / D^2$ gives an identical relative force as calculations using $F = M / D^2$.

From the general formula listed below we can now calculate the individual forces of Sun and Earth upon the Moon.

$$\text{RELATIVE FORCE} = \frac{\text{MASS}}{\text{DISTANCE}^2}$$

$$\text{Sun Force} = \text{Sun Mass} / \text{Moon-Sun dist} \times \text{Moon-Sun dist}$$

$$= 1.991 \text{ E30} / 1.498 \text{ E08} \times 1.498 \text{ E08} = 8.872 \text{ E13}$$

$$\text{Earth Force} = \text{Earth Mass} / \text{Earth-Moon dist} \times \text{Earth-Moon dist}$$

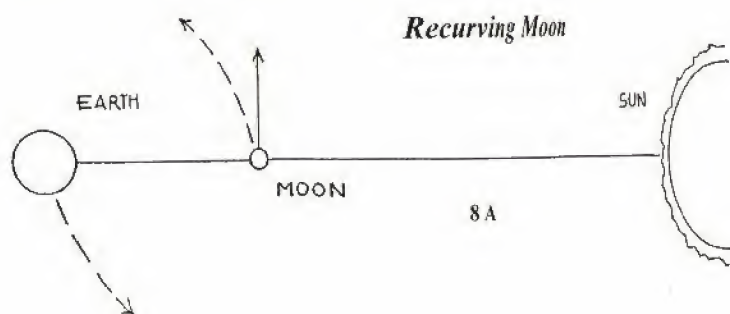
$$= 5.979 \text{ E24} / 4.055 \text{ E05} \times 4.055 \text{ E05} = 3.636 \text{ E13}$$

$$\text{SUN FORCE} / \text{MOON FORCE} = \text{RELATIVE FORCE}$$

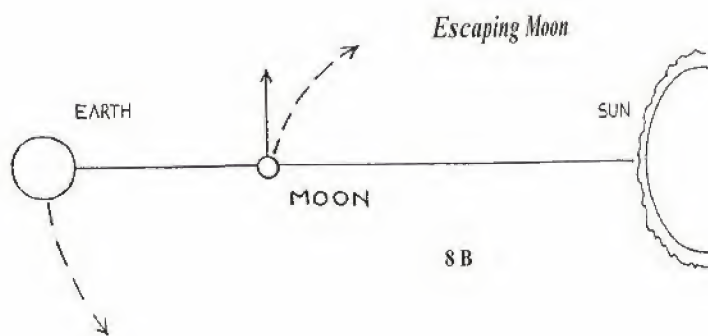
$$8.872 \text{ E13} / 3.636 \text{ E13} = 2.44$$

I found that the Sun's force was stronger. In fact, it is over twice as powerful! This of

only must the Earth force be consistently stronger to counteract the Sun's pull, but it must also be strong enough to act as a tether on the Moon and re-curve it toward the Earth, especially when it is at apogee. Only when the Sun's force is less than the Earth's, should the Moon begin to re-curve back toward the Earth. Remember that we picked the moment in time when the Moon was as far from the Earth as it gets.



From my calculations we see that the Sun's force exceeds that of the Earth and the Moon must respond by veering slightly toward the Sun. In this instance, the Earth's attraction decreases even faster; and the Sun's attraction increases even faster, thereby increasing the Sun's relative force and accelerating this movement away from the Earth. We know by observation that this does not happen. Despite the "Law" of Gravity, the Moon re-curves toward the Earth.



If the forces were equal, the Moon would continue on its path which at this moment is tangential to both Sun & Earth. This path would see a weakening of both Earth & Sun attraction due to the increasing distance.

Total solar eclipses at the maximal range, on which I based my calculations, are much rarer than regular total eclipses but they do happen. The simple fact is that during the entire week of every new moon, no matter whether the Moon is at perigee or apogee, the Sun force is stronger and the Moon should move toward the stronger force!

According to the previous calculations, the Moon has no reason to orbit the Earth. This

larger than the Sun's force, and this opens up a whole can of gravitational worms (or wormholes?), because Cavendish weighed the Earth and established the gravitational constant by using distance squared, not distance cubed.

Subsequent philosophers using his figures and the distance square concept have calculated the masses of everything in the universe. And if you obtain the masses from the experimental force by using distance squared, how can you now use distance cubed to obtain the forces?

For many years I had hoped to do no more than abrade a few grains from that cornerstone of our science called the "Law" of Gravity. Never in my wildest dreams did I envision cracking it in half as I have shown here. I shall spend the rest of my life gleefully stomping on this cornerstone of science, until the rock is in fragments and the fragments are just moldy dust!

I have been attacked countless times by scientific apologists, most of them Mensa members, for not being able to offer a strong theory to replace the one I destroyed. This is grammar school orthodoxy! This is how the teachers ultimately destroy the bright kids who ask heterodox questions and are capable of original thinking.

Only on a TV show is it the coroner's job to find the murderer. I make no apology for leaving the new theory of gravity to the next Newton. Isn't it more than enough to have done what was denied the millions of physicists who were born and died all over the world since Newton's time. The real question here is, "Why didn't they discover my "Unproof?" Or ... perhaps they did as we shall see in the next section.

Someday I would like to do a study on the academic levels attained by the great innovators and the great men of science. I am pretty sure that I will find that the great majority of the important work was accomplished by men and women without Ph.D.s. I believe that schools create experts from the best rote learners available. I know for a fact that the single worst thing you can do in any class, from kindergarten through college, is to ask a question the teacher can't answer. In that instant you mark yourself as a smart-ass! If there is one thing a dominant authority figure can't stand, it's a smart-ass. Perhaps that is why so many men in Mensa never finished college.

Not that I will ever live to see the religion of science cast out its major tenet and repeal Newton's Law of Gravity. But each time someone reads about my "Unproof" that day comes closer.

Someday this glaring anomaly will trip a trigger in some ingenious mind and out will pop a new set of equations absolutely proving forever that ... Newton was wrong! I predict that when that happens an anti-gravity engine will be just around the corner. At the present time we send our astronauts less than 350 miles into the sky. To accomplish this feat we strap them on top of the equivalent of a million pounds of TNT. Real space starts between the planets, not between Earth and Moon, and surely not below the protection of the Van Allen belt. Only an anti-gravity engine will allow us to lift the 6 foot of radiation shielding we must have to protect us from the radiation of the Van

Since I unleashed my "Unproof" I have been told some very strange and wondrous things about celestial mechanics by my fellow Mensans some of whom have become very angry, hostile, bombastic, nasty, and just this side of violent. They have such outlandish claims:

1. The Sun's force is actually centered on the Earth/Moon barycenter and that isolating the forces on the Moon is not allowed.
2. The Sun's force is reflected by the Earth which completely cancels out the force of the Sun on the Moon.
3. The best one (as referred to before) was in the letter I received from the chief guru of gravitational physics at the National Science Foundation after I applied for a series of grants to retest gravity in April 1987.

April 29, 1987

Dear Mr. Rene'

Thank you for your letter of 4/24/87. As you correctly computed the force that the sun exerts on the moon is almost 3 times greater than the force the earth exerts on the moon. However, the conclusion which you attempt to draw from this fact is fallacious.

The error in your reasoning is due to the fact that you neglected to take into consideration the force that the sun exerts on the earth. The sun attracts both the earth and the moon. That is why they both orbit the sun. However, they orbit it together due to their mutual attraction for each other which is indeed weaker than the sun's force on either of them. This weaker force therefore only perturbs the dominant motion of each body about the sun.

Newton's theory of gravity as applied to the solar system is a well studied and well confirmed branch of physics. As a consequence we do not support proposals which propose studying such well-known phenomena.

Sincerely,

Arthur Komar

Program Director for
Gravitational Physics

I have no idea what he is talking about. He seems to be saying that not only am I not allowed to separate the forces but also that there is a magical bond between Earth and Moon that is unbreakable. In fact, all my "Unproof" does is examine the bond of each for the other. I am guilty of jokingly calling the Earth a gravitational lens but it seems

turn Newton's theory into a "Law" then the NSF would have supported it.

The barycenter concept concocted by Newton states that the center of gravity of the Moon is located inside the Earth, because if both bodies were placed on a teeter-totter the balance point would be located inside the Earth. He then declares the Earth and Moon are to be treated mathematically as one body. I call this Bullshit because this "theory" is in direct contradiction to the observable fact that the Earth and Moon are two separate bodies. Look up at the Moon tonight and then you tell me that Earth and Moon are one.

I can reduce their concept of Barycenter to the ridiculous by proving that the center of gravity of most planet's moons lie within the parent planet. I can prove that almost each and every celestial body is one with the Sun, because the so-called Barycenters of most of them, planets, moons, asteroids, and even comets lie within that incredible massive body.

I am not trying to be a sophist, but if this were true then gravity would be a meaningless concept. If something is an integral part of another thing we need no gravity to hold it there. These apologists would negate 500 years of physics and resort to magic just to save Newton's theory.

Newton complained bitterly in letters to friends that others were ascribing to him the notion that matter has an innate property to attract other matter. Yet if you read the "Principia" it is hard to escape this conclusion. Josiah Gibbs, who once said that a physicist must be at least half sane but that there are no limits on a mathematician, was a most perceptive man.

If my data, logic and arithmetic are correct, the "Law" (or even the "Theory") of Gravity is erroneous, and much of modern science will have to be thrown down the chute. A decade has passed, and although I sent the first edition of my book free to many physicists, mathematicians and other professionals no one ever responded. Not even a thank you. I do know that the post office "lost" almost half of the ones I sent to friends and acquaintances, but even accounting for a 50 % mortality I should have received some comments if my work hadn't so upset their EBS.

I subsequently mailed letters to another 100 Mensa professionals asking questions about my ideas only in each ones field of expertise. I received about 30 answers and each one solemnly declared words to the effect that, *"I know you're wrong, but I can't quite prove it."*

I spent most of my life working as a carpenter and this would be like me telling a builder that he is building a roof wrong but not being able to prove it. The only reason they didn't prove me wrong was because they couldn't. The pedantic experts would gleefully nail me to a cross and light a fire under me if it were legal.

My "Unproof" has knocked the cornerstone from under Newton's celestial mechanics, Einstein's relativity, Hubble's expanding universe and the Big Bang. They will also have to throw away black holes, quasars, giant exploding stars, neutron stars, super strings and hundreds of other useless theories. This may well explain why our 40 year multi-

Our philosophers will now have to go back to Square One, an action I believe to be long overdue! Not to worry, Oh Great Philosophers, for this will enhance your rice bowl, not destroy it. Three hundred years of science will now have to be re-configured. This time, Oh great and arrogant philosophers, create no more natural laws — only beautiful theories. Let theories remain just that — theories. No more — no less.

Now you are entitled to believe anything that you want. However, remember that when observational data, or experiment conflicts with a theory no matter how beautiful the theory or how impressive the credentials of its author, a rational person pitches out the theory.